

WHAT IS CLAIMED IS:

1. A fuel additive composition comprising 8 to 40 parts by weight of hydrogen peroxide, 8 to 40 parts by weight of an amine-based stabilizer, 10 to 40 parts by weight of borax, 16 to 40 parts by weight of sodium hydroxide, and water.
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2. The fuel additive composition of claim 1, in which said amine-based stabilizer is one or more compounds selected from the group consisting of dimethanolamine, diethanolamine, trimethanolamine, and triethylamine.
- 10 3. The fuel additive composition of claim 1, in which said borax is dissolved in an aqueous sodium hydroxide solution.
4. The fuel additive composition of claim 1, which is prepared by dispersing in water.
- 15 5. The fuel additive composition of claim 4, in which the proportion of the fuel additive composition and water ranges from 1:2 to 1:50 by weight.
6. The fuel additive composition of claim 1, which further comprises one or more catalysts selected from the group consisting of potassium carbonate, calcium carbonate, and sodium carbonate.
- 20 7. The fuel additive composition of claim 6, in which the proportion of the fuel additive composition and the catalyst ranges from 1:0.03 to 1:0.3 by weight.
8. The fuel additive composition of claim 1, which further comprises

methyl alcohol or a surfactant.

9. The fuel additive composition of claim 8, in which the proportion of the fuel additive composition and methyl alcohol or the surfactant ranges from 1:1 to 1:3 by weight.
- 5 10. A method of preparing a fuel additive composition comprising the steps of mixing 16 to 40 parts by weight of sodium hydroxide with an aqueous solution in which 10 to 40 parts by weight of borax have been dissolved; adding 8 to 40 parts by weight of an amine-based stabilizer to the resultant mixture; and adding 8 to 40 parts by weight 10 of hydrogen peroxide to the resultant mixture.
11. The method of preparing a fuel additive composition according to claim 10, in which the mixing of water, borax, and sodium hydroxide is performed at a temperature ranging from 50 to 95 °C.
12. A scaling inhibitor for a combustion apparatus comprising the fuel 15 additive composition of claim 1.
13. A corrosion inhibitor for a combustion apparatus comprising the fuel additive composition of claim 1.
14. A soot generation inhibitor for a combustion apparatus comprising the fuel additive composition of claim 1.
- 20 15. A clinker remover for a combustion apparatus comprising the fuel additive composition of claim 1.
16. A sludge remover for a combustion apparatus comprising the fuel additive composition of claim 1.

17. A flame controller for a combustion apparatus comprising the fuel additive composition of claim 1.
18. A fuel composition comprising the fuel additive composition of claim 1.
- 5 19. The fuel composition of claim 18, which comprises 0.02 to 0.5 parts by weight of the fuel additive composition per 100 parts by weight of fuel.
20. The fuel composition of claim 19, in which the fuel is a solid fuel, a liquid fuel, or a gaseous fuel.